

SEQUENCE LISTING



<110> Taupier, Raymond Padigaru, Muralidhara Rastelli, Luca Spaderna, Steven Shimkets, Richard Zerhusen, Bryan Spytek, Kimberly Shenoy, Suresh Li, Li Gusev, Vladimir Grosse, William Alsobrook, John Lepley, Denise Burgess, Catherine Gerlach, Valerie Ellerman, Karen MacDougall, John Stone, David Smithson, Glennda

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Arg Arg Phe Ile Thr Thr Lys Ser Asn Gly Arg Ala Thr Val Leu Gly
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Ser Lys Asn Arg Leu Lys Ser Val Asn Pro Glu Glu Phe Ile Ser Tyr

Pro Leu Leu Glu Glu Ile Asp Leu Ser Asp Asn Ile Ile Ala Asn Val

Glu Pro Gly Ala Phe Asn Asn Leu Phe Asn Leu Arg Ser Leu Arg Leu 105

Lys Gly Asn Arg Leu Lys Leu Val Pro Leu Gly Val Phe Thr Gly Leu

Ser Asn Leu Thr Lys Leu Asp Ile Ser Glu Asn Lys Ile Val Ile Leu 130 135

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Leu Gly Met Asn Asn Pro Val Gln Met Ser Glu Val Tyr Ile Ile Gly 50 55 60

Ala Gln Pro Leu Cys Ser Gln Leu Ala Gly Leu Ser Gln Gly Gln Lys
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Lys Leu Cys His Leu Tyr Gln Asp His Met Gln Tyr Ile Gly Glu Gly 85 90 95

Ala Lys Thr Gly Ile Lys Glu Cys Gln Tyr Gln Phe Arg His Arg Arg
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Trp Asn Cys Ser Thr Ala Asp Asn Thr Ser Val Phe Gly Arg Val Met 115 120 125

Gln Ile Gly Ser Arg Glu Thr Ala Phe Thr His Ala Val Ser Ala Ala 130 135 140

Thr Cys Gly Cys Ser Arg Thr Ala Arg Pro Lys Asp Leu Pro Arg Asp 165 170 175

Trp Leu Trp Gly Gly Cys Gly Asp Asn Val Glu Tyr Gly Tyr Arg Phe 180 185 190

Ala Lys Glu Phe Val Asp Ala Arg Glu Arg Glu Lys Asn Phe Ala Lys 195 200 205

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Ser Pro Asp Tyr Cys Val Arg Asn Glu Ser Thr Gly Ser Leu Gly Thr
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Gly Ala Gln Pro Leu Cys Ser Gln Leu Ala Gly Leu Ser Gln Gly Gln
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Arg Trp Asn Cys Ser Thr Val Asp Asn Thr Ser Val Phe Gly Arg Val 100 105 110

Met Gln Ile Gly Ser Arg Glu Thr Ala Phe Thr Tyr Ala Val Ser Ala 115 120 125

Ala Gly Val Val Asn Ala Met Ser Arg Ala Cys Arg Glu Gly Glu Leu 130 135 140

Ser Thr Cys Gly Cys Ser Arg Ala Ala Arg Pro Lys Asp Leu Pro Arg 145 150 155 160

Asp Trp Leu Trp Gly Gly Cys Gly Asp Asn Ile Asp Tyr Gly Tyr Arg 165 170 175

Phe Ala Lys Glu Phe Val Asp Ala Arg Glu Arg Glu Arg Ile His Ala 180 185 190

Lys Gly Ser Tyr Glu Ser Ala Arg Ile Leu Met Asn Leu His Asn Asn 195 200 205

Glu Ala Gly Arg Arg Thr Val Tyr Asn Leu Ala Asp Val Ala Cys Lys 210 215 220

Cys His Gly Val Ser Gly Ser Cys Ser Leu Lys Thr Cys Trp Leu Gln 225 230 235 240

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Ser Ala Ala Met Arg Leu Asn Ser Arg Gly Lys Leu Val Gln Val 260 265 270

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Gly Lys Leu Ser Asp Tyr Gly Val Thr Val Pro Cys Ser Thr Asp Phe
Arg Gly Arg Phe Leu Ser His Val Val Ser Gly Pro Ala Ala Ala Ser
Ala Gly Ser Met Val Val Asp Thr Pro Pro Thr Leu Pro Arg His Ser
Ser His Leu Arg Val Ala Arg Ser Pro Leu His Pro Gly Gly Thr Leu
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Phe Gly Lys Glu Leu His Leu Arg Leu Arg Pro Asn Arg Arg Leu Val
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Arg Gln Pro Leu Arg Gln Glu Cys Val Tyr Thr Gly Gly Val Thr Gly
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Met Pro Gly Ala Ala Val Ala Ile Ser Asn Cys Asp Gly Leu Cys Ala
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